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Nota di contenuto	Front Cover; Oracle ® Performance Tuning for 10gR2; Copyright Page; Contents; Preface; Introduction; Part I: Data Model Tuning; Chapter 1. The Relational Database Model; 1.1 The Formal Definition of Normalization; 1.2 A Layperson's Approach to Normalization; 1.3 Referential Integrity; Chapter 2. Tuning the Relational Database Model; 2.1 Normalization and Tuning; 2.2 Referential Integrity and Tuning; 2.3 Optimizing with Alternate Indexes; 2.4 Undoing Normalization; Chapter 3. Different Forms of the Relational Database Model; 3.1 The Purist's Relational Database Model 3.2 Object Applications and the Relational Database ModelChapter 4. A Brief History of Data Modeling; 4.1 The History of Data Modeling; 4.2 The History of Relational Databases; 4.3 The History of the Oracle Database; 4.4 The Roots of SQL; Part II: SQL Code Tuning; Chapter 5. What Is SQL?; 5.1 DML and DDL; 5.2 Transaction Control; 5.3 Parallel Queries; Chapter 6. The Basics of Efficient SQL; 6.1 The SELECT Statement; 6.2 Using Functions; 6.3 Pseudocolumns; 6.4 Comparison Conditions; Chapter 7. Advanced Concepts of Efficient SQL; 7.1 Joins; 7.2 Using Subqueries for Efficiency

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Sommario/riassunto	Tuning of SQL code is generally cheaper than changing the data model. Physical and configuration tuning involves a search for bottlenecks that often points to SQL code or data model issues. Building an appropriate data model and writing properly performing SQL code can give 100%+ performance improvement. Physical and configuration tuning often gives at most a 25% performance increase.Gavin Powell shows that the central theme of Oracle10gR2 Performance Tuning is four-fold: denormalize data models to fit applications; tune SQL code according to both the data model and the application